AMENDMENTS TO THE DRAWINGS:

The attached sheet of drawings includes changes to FIG. 2. The sheet which includes FIG. 2, replaces the original sheet including FIG. 2.

Attachment: Replacement Sheets (1)

Annotated Sheets Showing Changes (1)

REMARKS

This communication is responsive to Office Action of December 28, 2005 in which: [2] Figure 2 was objected to under 37 CFR 1.84(p)(4) because blocks 236, 240, 242 designated a common block; [3] Claims 2,4,6 were objected to because of informalities specifically the precision of the phrase 'T1 service'; [4] Claims 2,4,6 were indicated to be allowable if amended to overcome the objection stated above; [5-6] Claims 1,3,5 were allowed.

Applicant appreciates the Examiner's indications of allowability. Applicant has amended Claims 2,4,6. Applicant appreciates Examiners TPC on Monday February 27 2006 in which amendment of Figure 2 and Claims 2,4,6 was discussed.

2   AMENDMENTS TO THE DRAWINGS

Figure 2 was objected to under 37 CFR 1.84(p)(4) because blocks 236, 240, 242 designated a common block.

Applicant has amended Figure 2 to show the separation of the adjacent vertical sides of the referenced blocks.

3-4 CLAIMS 2, 4, 6 OBJECTED TO DUE TO INFORMALITIES:

Claims 2,4,6 were objected to because of informalities specifically the precision of the phrase 'T1 service'.

T1 service as well known in the art and was first introduced by AT&T in 1962 as a method of digitally handling 24 independent connections simultaneously. T1 combines 24 separate voice/data channels onto a single link. The T1 data stream is broken into frames consisting of a single framing bit plus 24 channels of 8-bit bytes or 193 bits per frame. The frames repeat 8000 times per second, thus the bit rate for T1 is 1.544 Mbps.

" The central office accepts multiple TDM/SDM channels as well as packet based channels. These are input to corresponding buffers within buffer bank 210. The combined VDSL framer 206 and the payload framer 208 operate to maintain TDM throughput .... The incoming TDM traffic operates off a T1 frame synchronizer." (Applicant's specification at page 5, line 30 to page 6, line 2) *"All TDM channels must be delivered to the remote site at a rate which allows synchronization of the TDM frames at the remote with the frames at the CO. The TDM timeframe in the case of T1 is 125us per DSO. The T1 frame contains 193 bits per frame with 24 DS0 time slots each of which contain 1 byte. A VDSL frame, e.g. a DMT frame, is only 25us in length but has a high bandwidth and thus can carry from 1000 to 15000 bits in that time interval. Thus multiple packet based and TDM based channels may be carried in a single DMT frame. "* (Applicant's specification at page 6, lines 6-13) *" If the channel is provisioned for fractional T1 service then only the subscribed for number of DSOs or bytes are written to the payload. If the channel is provisioned for [full] T1 service then the number of DSOs or bytes which are written to the payload is 24 bytes plus one control bit which is equal to 193 bits for one complete frame."* (Applicant's specification at page 8, lines 3-7, Emphasis added). Figure 2 shows a full T1 service datastream 202 and a fractional T1 datastream 200.

The Applicant has amended dependent Claims 2, 4, 6 to more clearly delineate T1 service both full and fractional on the basis of the corresponding DSOs. The Applicant therefore respectfully submits that the Claims have been amended to overcome the objection, and requests that the Examiner withdraw same.

5-6   CLAIMS 1, 3, 5 ALLOWED

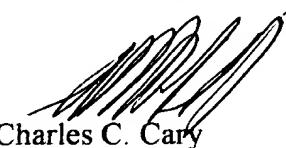The Examiner indicated that Claims 1,3,5 were allowed.

Applicant appreciates Examiner's allowance of Claims 1,3,5.

CONCLUSION

In view of the above remarks, and the amendments to the Claims, Applicant believes that all remaining Claims 1-6 have been placed in a condition for allowance, and requests that they be allowed. Early notice to this effect is solicited.

The Commissioner is authorized to charge any additional fees which may be required, including petition fees and extension of time fees, to Deposit Account No. 50-1338 (Docket No. **VELCP005C**).

Respectfully submitted,

IP CREATORS

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Appl No. 09,779,790
Amdt. Dated Feb. 28, 2006
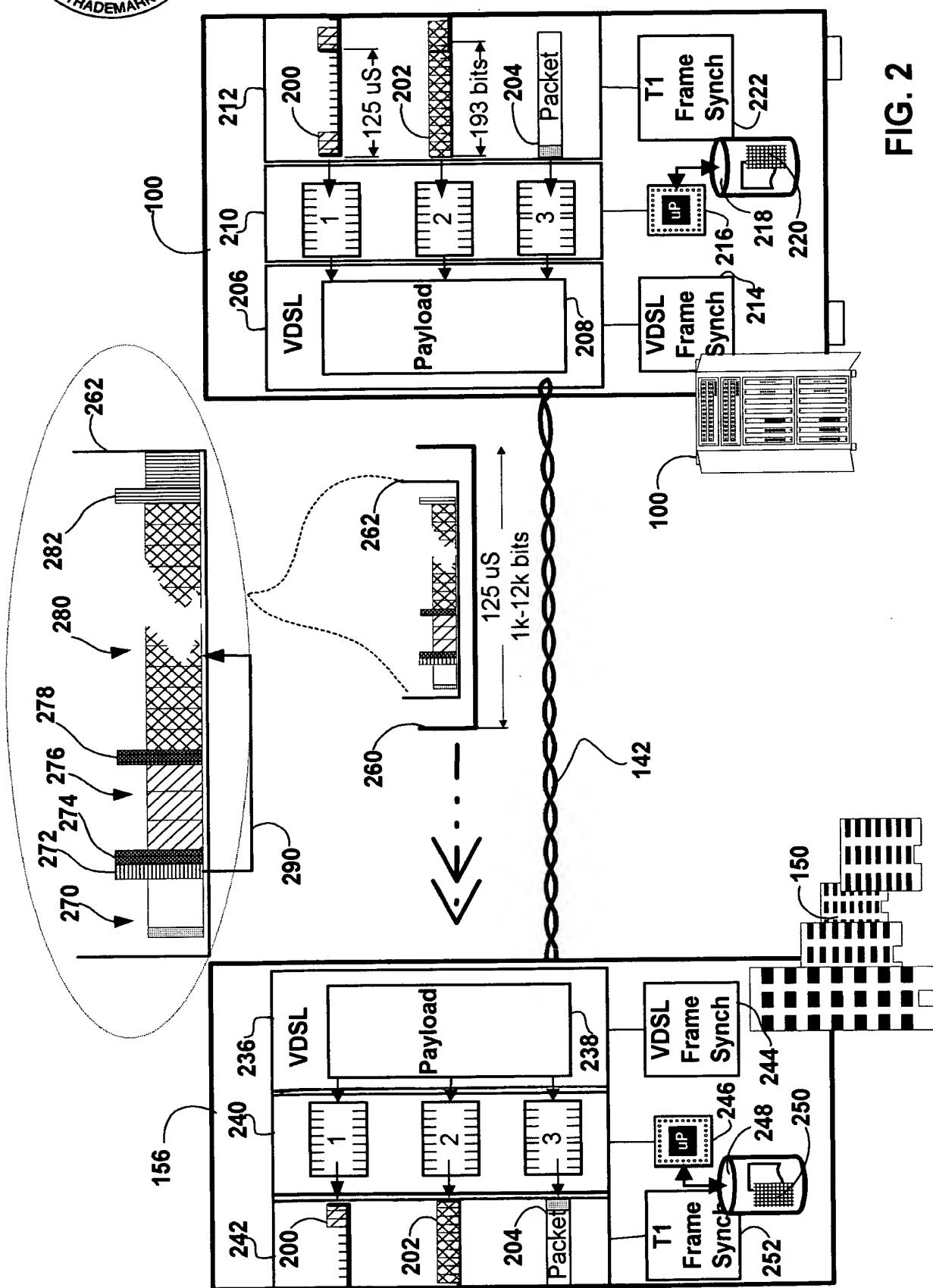Reply to Office Action of December 28, 2005
Annotated Sheet Showing Changes

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FIG. 2